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10/826,804	04/15/2004	Mitsuo Kimura	CFA00075US	1578
34904 7590 03/24/2011 CANON U.S.A. INC. INTELLECTUAL PROPERTY DIVISION 15975 ALTON PARKWAY IRVINE, CA 92618-3731				
EXAMINER SARPONG, AKWASI				
ART UNIT		PAPER NUMBER		
2625				
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03/24/2011		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/826,804

Applicant(s)

KIMURA, MITSUO

Examiner

AKWASI M. SARPONG

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 February 2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 and 8-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 8-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04/15/2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Correspondence Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Detailed Action

Response to Amendment

1. Applicant's amendment was received on 02/28/2011 and has been entered and made of record. Currently Claims 1-5 and 8-21 are pending.
2. Upon review of the reference of Leurig (20030014368) in view of Simpson (20030172148) which was cited in the Office action dated 10/24/2010 under 35 U.S.C.103(a), as obvious type of rejection for Claims 1-17 and 20 to 31 the examiner notes that the reference can still be interpreted as obvious to the claims, as currently amended. Please see the 103 rejections for explanation.
3. 35 U. S. C. 101 rejections for Claims 13-17 has been withdrawn due to the amendment to claims 13-17 that was filed on 02/28/2011.

Response to Arguments

4. Applicant's arguments filed 02/28/2011 have been fully considered but they are not persuasive.

Regarding claims 1, 8 and 13 applicant argues that the cited reference (Leurig (20030014368) in view of Simpson (20030172148) does not disclose

a method executed by a server capable of communicating with a client device and a printer device through a network, the server, the client device and the printer device each being a different device from the other, the method comprising:

"receiving a printing request from the client device;

transmitting print data to the printer device without going through the client device, in accordance with the received printing request; and

transmitting, to the client device, address information for causing the client device to acquire, from the printer device without going through the server, a Web page provided by the printer device,

the Web page indicating a state of processing of the transmitted print data, wherein the client device acquires the Web page from the printer device in accordance with the address information and displays the state of processing of the print data in accordance with the Web page"

In reply, Examiner respectfully disagree because Leurig discloses a method executed by a server (**Server 104 shown in fig. 3**) capable of communicating with a client device (**Client 108 shown in Fig. 3**) and a printer device (**Printer 110 shown in fig. 110**) through a network, (**Network 102 Shown in fig. 1**) (**Section 0041, lines 2-4- thus server 104 and client 108 communicates through network 102 as clearly shown in fig. 1**)

the server, the client device and the printer device each being a different apparatus from the other, (**Fig. 3 shows clearly that client 108 is externally different from printer 110 and server 104 is also a different apparatus from each other**).

the method comprising:

receiving a printing request from the client device (**Section 0018, lines 3-5- the user through client 108 provides print requests to the server 104**).

transmitting print data to the printer device in accordance with the received printing request **(Section 0018, lines 6-8- the completed print jobs are retrieved by client 108 and sent to be printed on printer 110).**

Leurig does not disclose transmitting, to the client device, address information for causing the client device to access the printer device and acquire, from the printer device without going through the server, a Web page provided by the printer device, the Web page displaying a state of processing of the transmitted print data and allowing the client device to access the printer device and display the Web page in accordance with the address information and transmitting the print job without going through the client device.

Simpson discloses transmitting to the client device address information **(Section 0080- thus the job status page AP hyperlink is the URI of the web page of the state of the print job)** for causing the client device **(Personnel computer 104 shown in Fig. 1A)** to acquire, from the printer device without going through the server, **(Clearly there is no server between the printer 106 and client 104 as clearly shown in Fig. 1A)** a Web page provided by the printer device, the Web page indicating a state of processing of the transmitted print data. **(Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job by displaying a web page on client 104)** and where the client device acquires the Web page from the printer device in accordance with the address information and displays the state of processing of the print data in accordance with the web page. **(Section**

0073, lines 2-4 thus the job status is displayed by using the "job status page" which is provided by PP Web content 136) and transmitting the print job without going through the client device. (Section 0092 lines 1-3 and Section 0093 lines 1-3- thus the AP web content creates and transmits the print job to be printed and therefore the print job does not go through the client device for it to be printed).

Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent an AP hyperlink (URI) (address information) to Client 108. The motivation for the modification is to enable the user to have easier access to the state or status of the print data at his own convenient time.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-5 and 8-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leurig (20030014368) in view of Simpson (20030172148).

Claim 1, Leurig discloses a method executed by a server (**Server 104 shown in fig. 3**) capable of communicating with a client device (**Client 108 shown in Fig. 3**) and a printer device (**Printer 110 shown in fig. 110**) through a network, (**Network 102**

Shown in fig. 1) (Section 0041, lines 2-4- thus server 104 and client 108 communicates through network 102 as clearly shown in fig. 1)

the server, the client device and the printer device each being a different apparatus from the other, **(Fig. 3 shows clearly that client 108 is externally different from printer 110 and server 104 is also a different apparatus from each other).**

the method comprising:

receiving a printing request from the client device **(Section 0018, lines 3-5- the user through client 108 provides print requests to the server 104).**

transmitting print data to the printer device in accordance with the received printing request **(Section 0018, lines 6-8- the completed print jobs are retrieved by client 108 and sent to be printed on printer 110).**

Leurig does not disclose transmitting, to the client device, address information for causing the client device to access the printer device and acquire, from the printer device without going through the server, a Web page provided by the printer device, the Web page displaying a state of processing of the transmitted print data and

allowing the client device to access the printer device and display the Web page in accordance with the address information and transmitting the print job without going through the client device.

Simpson discloses transmitting to the client device address information **(Section 0080- thus the job status page AP hyperlink is the URI of the web page of the**

state of the print job) for causing the client device (**Personnel computer 104 shown in Fig. 1A**) to acquire, from the printer device without going through the server, **(Clearly there is no server between the printer 106 and client 104 as clearly shown in Fig. 1A)** a Web page provided by the printer device, the Web page indicating a state of processing of the transmitted print data. **(Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job by displaying a web page on client 104)** and where the client device acquires the Web page from the printer device in accordance with the address information and displays the state of processing of the print data in accordance with the web page. **(Section 0073, lines 2-4 thus the job status is displayed by using the "job status page" which is provided by PP Web content 136)** and transmitting the print job without going through the client device. **(Section 0092 lines 1-3 and Section 0093 lines 1-3- thus the AP web content creates and transmits the print job to be printed and therefore the print job does not go through the client device for it to be printed).**

Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent an AP hyperlink (URI) (address information) to Client 108. The motivation for the modification is to enable the user to have easier access to the state or status of the print data at his own convenient time.

Claim 2, Leurig in view of Simpson discloses further comprising authenticating that the printing request is a printing request from a valid user, **(Leurig: Section 0040, thus the user logs in as a means of authentication to the server).**

wherein if the printing request is the printing request from the valid user, the server transmits the print data to the printer device. **(Leurig: Section 0041, lines 1-8 the user is denied access to the server 104 if authentication fails)**

Claim 3, Leurig in view of Simpson discloses wherein the printer device combines print form data and the print data transmitted by the server in order to generate image data for printing. **(Leurig: Section 0046, lines 9-12, thus the system merges the selected data with the appropriate form to generate a data file or image data for printing)**

Claim 4, Leurig in view of Simpson discloses wherein the address information for causing the client device **(Client 108 shown in Fig. 3)** to access the printer device **(Printer 110 shown in Fig. 3)** and acquire the web page from the printer device **(Simpson: Section 0080- thus the job status page AP hyperlink is the URI of the web page of the state of the print job)** comprises a uniform resource identifier of a Web page indicating the state of processing of the transmitted print data. **(Simpson: Section 0073 since the PP web content displays a web, it is inherit that a web page comes with its URL).**

Claim 5, Leurig in view of Simpson discloses wherein the client device (**leurig: Client 108 shown in fig. 2**) displays the state of processing of the print data (**Leurig: Section 0048 lines 5-16- thus shows as to whether the print data is printed or not completed**) in a web browser in accordance with the Web page acquired by the client device. (**Simpson: Section 0073- thus the web page displays the status of the sent print job**).

Claim 6-7, (Canceled)

Claim 8, Leurig discloses an information processing device (**Server 104 shown in fig. 3**) capable of communicating with an external device (**Client 108 shown in Fig. 3**) and a printer device (**Printer 110 shown in fig. 110**) through a network, (**Network 102 Shown in fig. 1**) (**Section 0041, lines 2-4- thus server 104 and client 108 communicates through network 102 as clearly shown in fig. 1**)

the information processing device, external device and the printer device each are being a different device from the other. (**Fig. 3 shows clearly that client 108 is externally different from printer 110**) the information processing device comprising:

a request receiving unit (**portion of Client 108 that receives the image**) configured to receive a printing request from the external device; (**Section 0045, lines 1-7- thus the user selects a print job using client computer 108**)

a data transmission unit configured to transmit print data to the printer device in accordance with the printing request received by the request receiving unit; (**Section**

0046, lines 1-3, thus the print data is transmitted to a selected printer, selected through client device 108)

and a transmission unit configured to transmit, to the external device from the printer device without going through the information processing apparatus a state of processing of the print data transmitted by the data transmission unit. **(Section 0048, lines 5-16 –thus printer 110 transmits the status of the print data to client 108 and hence the state of the print data is known to the client without going through the server).**

a control unit **(Client device 108)** configured to cause the external device to display **(Section 0063, lines 6-7in browser 207 shown in fig. 5E)** the state automatically **(Section 0035, lines 4-7, thus the second browser automatically opens as soon as a print transaction is initiated).**

Leurig does not disclose transmitting to the client device address information for providing a web page and the web page displaying the state of the print data and displaying the state in accordance with the address information and transmitting the print job without going through the client device.

Simpson discloses transmitting the client device address information **(Section 0080- thus the job status page AP hyperlink is the URI of the web page of the state of the print job)** to get the state of the print data. **(Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job)**

and displaying the state in accordance with the address information (**Section 0080, thus the job status is displayed by using the "job status page"**) and transmitting the print job without going through the client device. (**Section 0092 lines 1-3 and Section 0093 lines 1-3- thus the AP web content creates and transmits the print job to be printed and therefore the print job does not go through the client device for it to be printed**).

. Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent a web page (address information) to printer 110. The motivation for the modification is to enable the user to have easier access to the state or status of the print data.

Claim 9, Leurig in view of Simpson discloses an information processing device wherein an authenticating unit configured to authenticate that the printing request is a printing request from a valid user. (**Leurig: Section 0040, thus the user logs in as a means of authentication to the server**).

authenticating that the printing request is a printing request from a valid user, (**Leurig: Section 0040, thus the user logs in as a means of authentication to the server**).

wherein if the printing request is the printing request from the valid user, the server transmits the print data to the printer device. (**Leurig: Section 0041, lines 1-8 the user is denied access to the server 104 if authentication fails**)

Claim 10, Leurig in view of Simpson discloses an information processing device wherein the printer device combines print form data and the print data transmitted by the data transmission unit in order to generate image data for printing. **(Leurig: Section 0046, lines 9-12, thus the system merges the selected data with the appropriate form to generate a data file or image data for printing)**

Claim 11, Leurig in view of Simpson discloses an information processing device wherein the address information **(Simpson: Web page please see section 0073)** for causing the external device acquire the web page from the printer device comprises a uniform resource identifier of a Web page indicating the state of processing of the transmitted print data. **(Simpson: Section 0073 since the PP web content displays a web, it is inherit that a web page comes with its URL).**

Claim 12, Leurig in view of Simpson discloses an information processing device wherein the external device **(leurig: Client 108 shown in fig. 2)** displays the state of processing of the print data **(Leurig: Section 0048 lines 5-16- thus shows as to whether the print data is printed or not completed)** in a Web browser in accordance with the Web page acquired by the external device. **(Simpson: Section 0073- thus the web page displays the status of the sent print job).**

Claim 13, Leurig discloses a non-transitory computer-readable medium having a program stored thereon for controlling a computer of a server (**Server 104 shown in fig. 3**) capable of communicating with an external device (**Client 108 shown in Fig. 3**) and a printer device, (**Printer 110 shown in fig. 110**) (**Section 0041, lines 2-4- thus server 104 and client 108 communicates through network 102 as clearly shown in fig. 1**)

the external device being different from the printer device, (**Fig. 3 shows clearly that client 108 is externally different from printer 110**) the program causing the computer to execute a method comprising

receiving a printing request from the external device, (**Section 0045, lines 1-7- thus the user selects a print job using client computer 108**)

transmitting print data to the printer device selected in the external device in accordance with the received printing request; (**Section 0046, lines 1-3, thus the print data is transmitted to a selected printer, selected through client device 108**)

causing the client device to acquire from the printer device without going through the server, a state of processing of the transmitted print data. (**Section 0048, lines 5-16 –thus printer 110 transmits the status of the print data to client 108 and hence the state of the print data is known to the client without going through the server**)

causing the external device (**Client device 108**) to display (**Section 0063, lines 6-7in browser 207 shown in fig. 5E**) the state automatically (**Section 0035, lines 4-7, thus the second browser automatically opens as soon as a print transaction is initiated**).

Leurig does not disclose transmitting to the client device address information for providing a web page for the client to access the printer device to display the state of the print data.

Simpson discloses transmitting the client device address information **(Section 0080- thus the job status page AP hyperlink is the URI of the web page of the state of the print job)** to get the state of the print data. **(Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job)** and displaying the state in accordance with the address information **(Section 0080, thus the job status is displayed by using the "job status page")**. Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent a web page (address information) to printer 110. The motivation for the modification is to enable the user to have easier access to the state or status of the print data.

Claim 14, Leurig in view of Simpson discloses a non-transitory computer-readable medium wherein the method further comprises authenticating that the printing request is a printing request from a valid user. **(Leurig: Section 0040, thus the user logs in as a means of authentication to the server).**

wherein if the printing request is the printing request from the valid user, the server transmits the print data to the printer device. **(Leurig: Section 0041, lines 1-8 the user is denied access to the server 104 if authentication fails)**

Claim 15, Leurig in view of Simpson discloses a non-transitory computer-readable medium wherein the printer device combines print form data and the print data transmitted by the server in order to generate image data for printing. **(Leurig: Section 0046, lines 9-12, thus the system merges the selected data with the appropriate form to generate a data file or image data for printing)**

Claim 16, Leurig in view of Simpson discloses a non-transitory computer-readable medium wherein the address information **(Simpson: Web page please see section 0073)** for causing the external device to acquire the web page **(leurig: Section 0048 lines 8-16- thus the Status of the print data is sent to the user)** comprises a uniform resource identifier of a Web page indicating the state of processing of the transmitted print data. **(Simpson: Section 0073 since the PP web content displays a web, it is inherit that a web page comes with its URL).**

Claim 17, Leurig in view of Simpson discloses a non-transitory computer-readable medium wherein the external device **(leurig: Client 108 shown in fig. 2)** displays the state of processing of the print data **(Leurig: Section 0048 lines 5-16- thus shows as to whether the print data is printed or not completed)** in accordance with the Web page acquired by the external device. **(Simpson: Section 0073- thus the web page displays the status of the sent print job).**

Claim 18, Leurig in view of Simpson discloses further comprising a print data generating unit configured to generate the print data, wherein the data transmission unit transmits the print data generated by the print data generating unit to the printer device. **(Leurig: Section 0046, lines 9-12, thus the system merges the selected data with the appropriate form to generate a data file or image data which is send to the print device for printing)**

Claim 19, Leurig discloses an information processing device **(Server 104 shown in fig. 3)** capable of communicating with an external device **(Client 108 shown in Fig. 3)** and a printer device **(Printer 110 shown in fig. 110)** through a network, **(Network 102 Shown in fig. 1)** **(Section 0041, lines 2-4- thus server 104 and client 108 communicates through network 102 as clearly shown in fig. 1)**

the information processing device, the external device and the printer device each being a different device from the other, **(Fig. 3 shows clearly that client 108 is externally different from printer 110 and server 104 is also a different apparatus from each other).**

the information processing device **(Server 104 shown in fig. 3)** comprising:
a request receiving unit configured to receive a printing request from the external device. **(Section 0018, lines 3-5- the user through client 108 provides print requests to the server 104)**

a data transmission unit configured to transmit print data to the printer device without going through the external device, in accordance with the printing request

received by the request receiving unit; **(Section 0018, lines 6-8- the completed print jobs are retrieved by client 108 and sent to be printed on printer 110)**

Leurig does not disclose a transmission unit configured to transmit, to the external device, a Web page, the Web page indicating a state of processing of the print data transmitted by the data transmission unit, wherein the external device displays the state of processing of the print data in accordance with the Web page.

Simpson discloses transmitting to the client device address information **(Section 0080- thus the job status page AP hyperlink is the URI of the web page of the state of the print job)** for causing the client device **(Personnel computer 104 shown in Fig. 1A)** to acquire, from the printer device a Web page provided by the printer device, the Web page indicating a state of processing of the transmitted print data. **(Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job by displaying a web page on client 104)** and where the client device acquires the Web page from the printer device in accordance with the address information and displays the state of processing of the print data in accordance with the web page. **(Section 0073, lines 2-4 thus the job status is displayed by using the "job status page" which is provided by PP Web content 136)**

Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent an AP hyperlink (URI) (address information)

to Client 108. The motivation for the modification is to enable the user to have easier access to the state or status of the print data at his own convenient time.

Claim 20, Leurig in view of Simpson discloses a print data generating unit configured to generate the print data, wherein the data transmission unit transmits the print data generated by the print data generating unit to the printer device. **(Leurig: Section 0046, lines 9-12, thus the system merges the selected data with the appropriate form to generate a data file or image data which is send to the print device for printing)**

Claim 21, Leurig does not disclose an acquiring unit configured to acquire a Web page provided by the printer device from the printer device, the acquired Web page indicating the state of processing of the print data transmitted by the data transmission unit; and a processing unit configured to process the Web page acquired by the acquiring unit, wherein the transmission unit transmits the processed Web page to the external device.

However Simpson discloses an acquiring unit configured to acquire a Web page provided by the printer device from the printer device, **(Leurig: Section 0074, lines 1-5 thus PP Web content 136 acquires the job status page from the primary printer 106)** the acquired Web page indicating the state of processing of the print data

transmitted by the data transmission unit; (**Leurig: Section 0073, lines 1-4, thus the AP hyperlink is used by the user to acquire the status or state of the print job by displaying a web page on client 104**) and

a processing unit configured to process the Web page acquired by the acquiring unit, wherein the transmission unit transmits the processed Web page to the external device. (**Leurig: Section 0074, PP Web Content 136 continues to monitor (processed) the primary printer to obtain the status of the job**).

Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Leurig's printer 104 to include Simpson's PP web content 136 so that Leurig's printer will be able sent an AP hyperlink (URI) (address information) to Client 108. The motivation for the modification is to enable the user to have easier access to the state or status of the print data at his own convenient time.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AKWASI M. SARPONG whose telephone number is (571)270-3438. The examiner can normally be reached on Monday-Friday 8:00am-5:00pm est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chan Park can be reached on 571-272-7409. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Akwası M Sarpong/
Examiner, Art Unit 2625

/CHAN S PARK/
Acting Supervisory Patent Examiner, Art Unit 2625
03/16/2011